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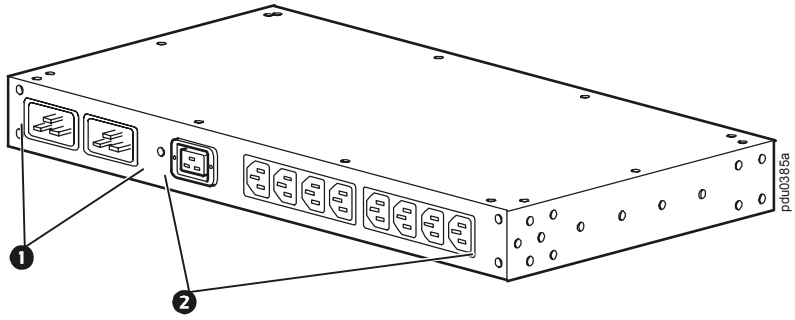
Automatic Transfer Switch

Overview

The American Power Conversion (APC®) Automatic Transfer Switch (ATS) provides redundant power to rack-mount equipment, ensuring high availability. The ATS supplies power from a primary input line; if that line becomes unavailable for any reason, the switch automatically begins supplying power from a secondary input line.

Rear view—AP7723



	Item	Description/Function
❶	Power inlets	The two (2) C20 inlets support the connection of two power cords (not provided) to link the ATS to two separate power sources (A, B). The switch draws power from the preferred source and automatically switches to the secondary source when necessary.
❷	Outlets	The outlets connect the ATS to equipment in the rack or enclosure, providing a redundant source of power to the connected equipment. Each switch has eight (8) C13 outlets and one (1) C19 outlet.

Specifications

AP7723

Electrical	
Nominal input voltage	230 Vac
Acceptable input voltage	±10% of nominal
Input frequency	47–63 Hz
Input connectors	Two (2) C20 inlets
Output connectors	Eight (8) C13 outlets One (1) C19 outlet
Maximum output current (outlet)	10 A–C13 16 A–C19
Maximum output/input current	16 A
Transfer time	8–12 ms typical, 16 ms maximum
Physical	
Dimensions (H x W x D)	4.37 x 43.00 x 23.62 cm (1.72 x 17.00 x 9.30 in)
Shipping dimensions (H x W x D)	11.43 x 60.02 x 35.56 cm (4.50 x 23.63 x 14.00 in)
Weight	3.65 kg (8.05 lb)
Shipping weight	5.42 kg (11.95 lb)
Environmental	
Maximum elevation (above MSL) Operating Storage	 0 to 3000 m (0 to 10,000 ft) 0 to 15 000 m (0 to 50,000 ft)
Temperature Operating Storage	 –5 to 45°C (23 to 113°F) –25 to 65°C (–13 to 149°F)
Humidity Operating Storage	 0 to 95%, non-condensing 0 to 95%, non-condensing
Compliance	
EMC approvals	EN55022-Class A, FCC-Class A, VCCI, MIC, C-Tick, ICES-003 Class A, CE
Safety approvals	TUV-R, TUVR-S, GOST, CE

Customer support and warranty information is available at the APC Web site, **www.apc.com**.

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990-3034A-001
07/2007